



SharePoint Business Intelligence

Course Overview

Students will learn to work with all the associated SharePoint business intelligence services including PerformancePoint Service, Excel Service, Business Connectivity Services and Vision Services.

NOTE: Before attending this course, students must have:

1. Basic understanding of SQL database.
2. Familiarity with data modeling (for example, a one-to-many relationship between two tables)
3. Ability to use nested functions in Excel and create a basic PivotTable.
4. Understanding of the difference between a SharePoint list and a SharePoint library.
5. Ability to upload and download documents from a SharePoint library
6. Ability to add and delete items from a list

Who Should Attend

This course is intended for power users, business intelligence developers and IT professionals that will be involved with the design, development and maintenance of SharePoint business intelligence solutions.

Course Outline

Session One: Course Overview

- Introduction
- Course Materials
- Facilities
- Prerequisites
- What We'll Be Discussing

Session Two: The Business Intelligence Stack

- Business Intelligence in Three Ways
- SQL Business Intelligence
- New SharePoint Business Intelligence Features
- New PowerPivot in Excel Features
- Lab: The Business Intelligence Stack



Lesson 3: SharePoint Business Intelligence Center

- New SharePoint Central Administration
- New Business Intelligence Center
- Permissions and Roles
- Included Document Library and List Apps
- Lab: SharePoint Business Intelligence Center

Lesson 4: SharePoint Excel Services

- New Excel Services Features
- Core Components
- Excel Web Access (EWA)
- What Excel Web Access is Not
- Differences in the Browser vs. Desktop
- SharePoint Libraries to Store Workbooks
- Power View Add-in for Excel
- The Save and Share Process
- Excel Web App
- Best Practices
- Lab: SharePoint Excel Services

Lesson 5: SharePoint PerformancePoint

- New Overview of PerformancePoint Services
- Dashboard Designer
- Data Sources
- Indicators
- KPIs
- Visual Reports
- Filters
- Scorecards
- Dashboards
- Lab: SharePoint PerformancePoint

Lesson 6: SharePoint Visio Services

- New Visio Services Features
- Visio Graphics Service
- Visio Drawings in the Browser
- Visio Web Access Web Part



- Visio Drawings with Data Connections
- Lab: SharePoint Visio Services

Lesson 7: PowerPivot

- New PowerPivot Features
- PowerPivot and Excel
- PowerPivot and SharePoint
- Enterprise Business Intelligence and PowerPivot
- Importing Data
- Enriching Data
- SharePoint Sharing
- Lab: PowerPivot

Lesson 8: SharePoint Business Connectivity Services

- New Business Connectivity Service Features
- What is Business Connectivity Services?
- BCS Terminology
- BCS Security
- Using SharePoint Designer with BCS
- Surfacing the BCS Data
- Lab: SharePoint Business Connectivity Services

Lesson 9: Dashboards

- Dashboard Migration
- Three Types of Dashboards
- Successful Dashboards
- Tables or Graphs
- Types of Graphs
- Choosing a Chart Type
- Key Performance Indicators
- Pitfalls in Dashboard Design
- Microsoft Report Builder 3.0 Plan Your Reports
- Datasets
- New SharePoint Designer Features
- SharePoint Web Apps
- Lab: Dashboards